Z

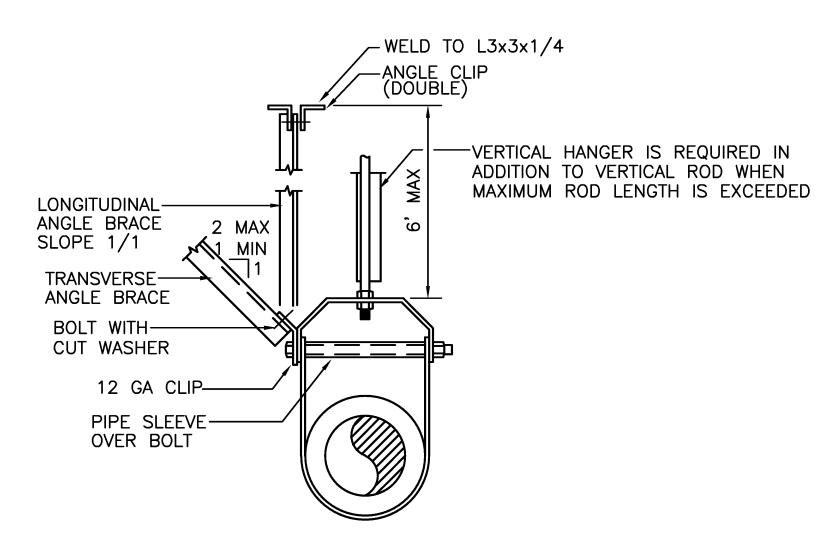
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SHELB

SHEET TITLE:

SHEET NO:



PIPE SIZE IN.	*ANGLE BRACE	BOLT TO ANGLE	ANGLE CLIP	ROD SIZE	MAX. LENGTH FOR ROD	VERTICAL HANGER
2-1/2 3,4 5,6	2-1/2"x2-1/2" 16 GA 2-1/2"x2-1/2" 16 GA 2-1/2"x2-1/2" 12 GA 3"x3" 12 GA	3/8 3/8 1/2	3"x3"x 1/4 3"x3"x 1/4 5"x3"x 1/2	1/2 5/8 3/4 7/8		∠2"x2" 16 GA ∠2"x2" 16 GA ∠2-1/2"x2-1/2"16 GA
*1-5/8	Bx1-5/8 GA CHANNEL MAY	5/8 BE USEI	2-5x3x 1/2 D.	//8	43	∠2-1/2"x2-1/2"12 GA

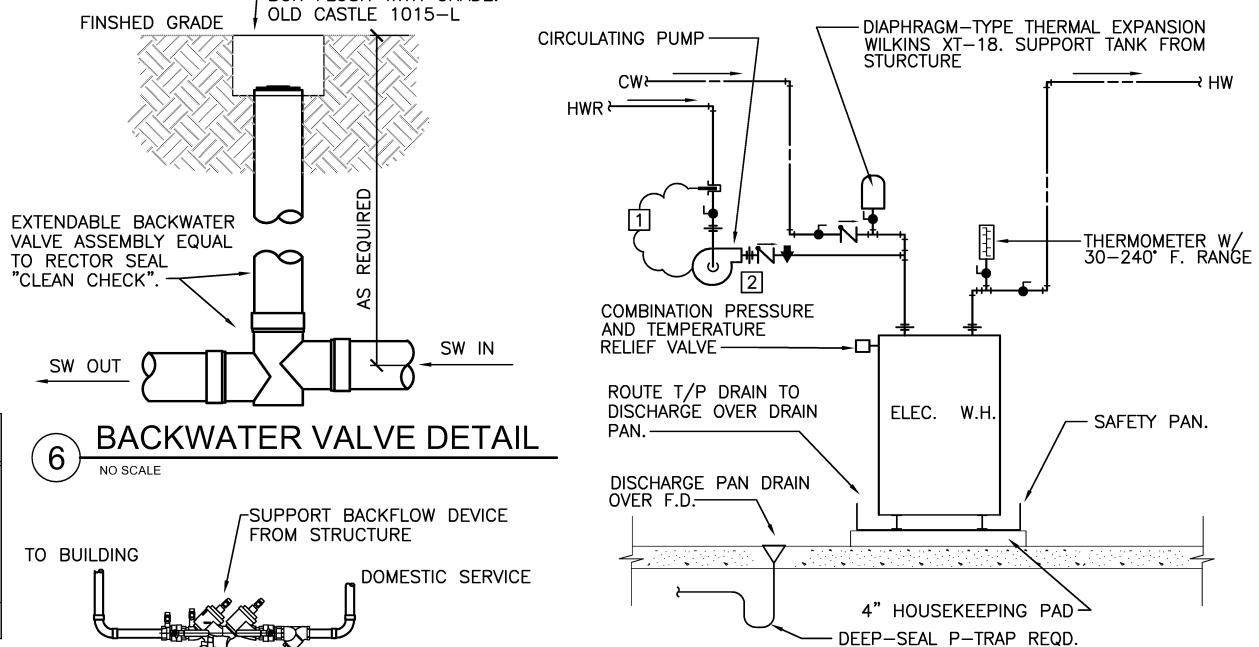
1. SEISMIC RESTRAINTS SHALL NOT BE REQUIRED FOR THE FOLLOWING

PIPING IN MECHANICAL ROOMS LESS THAN 1-1/4 INCH INSIDE DIAMETER.

ALL OTHER PIPING LESS THAN 2-1/2 INCH INSIDE DIAMETER.

ALL PIPING SUSPENDED BY INDIVIDUAL HANGERS 12 INCHES OR LESS IN LENGTH FROM THE TOP OF THE PIPE TO THE BOTTOM OF THE SUPPORT FOR THE HANGER.

2. HANGER TO BE WELDED TO L3x3x1/4 SPANNING BETWEEN TOP CHORDS OF JOISTS. SEE STRUC. SHTS. FOR SIMILAR DETAIL



HEAVY DUTY ACCESS
BOX FLUSH WITH GRADE.

 $^{\sim}$ WATTS BACKFLOW

PREVENTER WITH

DRAIN. REFER TO

BACKFLOW PREVENTER DETAIL

MANUFACTURERS CUT

STRAINER (BFP-1)

ROUTE DRAIN TO FLOOR

SHEETS FOR RECOMMENDED

SIZE OF DISCHARGE PIPE.

PUMP SET TO DEENERGIZE PUMP WHEN HWR TEMPERATURE IS 110°F OR

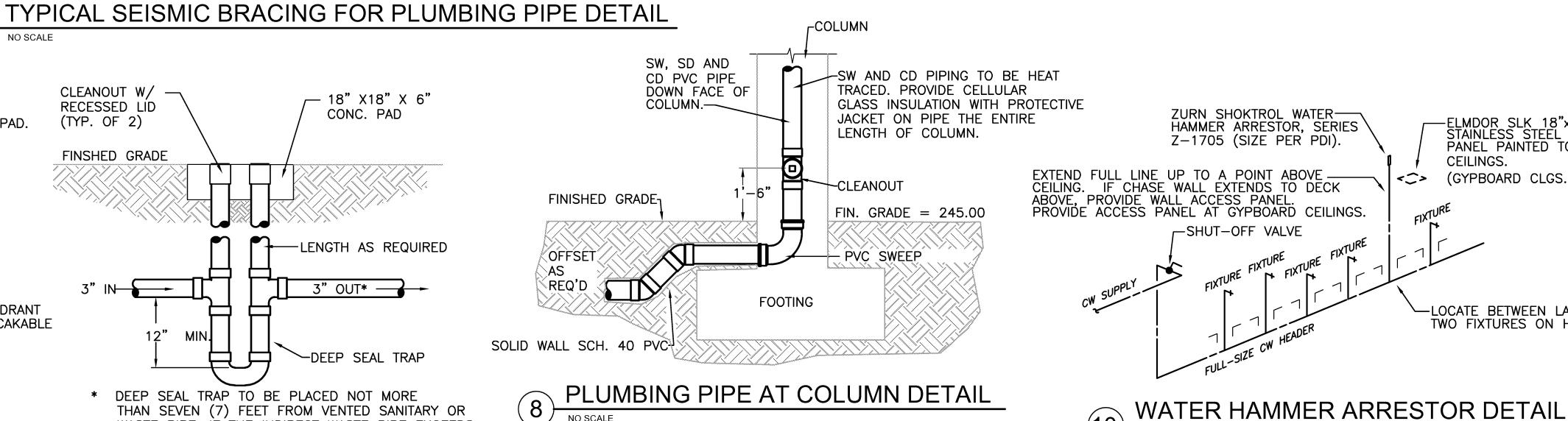
2. HOT WATER RETURN CIRCULATING PUMP TO BE BELL AND GOSSETT NRF-9F WITH CAST IRON BODY WITH 1/40 H.P, 41 WATTS, .4 AMPS, 115V, 1ph.

ELECTRIC WATER HEATER DETAIL

ZURN SHOKTROL WATER HAMMER ARRESTOR, SERIES

Z-1705 (SIZE PER PDI).

-SHUT-OFF VALVE



* DEEP SEAL TRAP TO BE PLACED NOT MORE THAN SEVEN (7) FEET FROM VENTED SANITARY OR WASTE PIPE. IF THE INDIRECT WASTE PIPE EXCEEDS TWENTY-FIVE (25) FEET IN LENGTH FROM DEEP SEAL TRAP, THEN IT MUST CONTINUE FULL SIZE THROUGH ROOF & SHALL NOT BE CONNECTED INTO SANITARY OR OTHER WASTE VENTS.

MEMPHIS STYLE DEEP SEAL TRAP DETAIL

NO SCALE

24" X 24" X 6" CONC. PAD FLUSH WITH GRADE-FINSHED GRADE CW SERVICE

- CUTOFF VALVE

lacktriangledus RECYCLE TIMER AND

SOLENOID CONTROL

CEILING

— FINISHED

GRADE

18" SQUARE BY

COMPACTED FILL

6" THICK CONCRETE PAD.

-YARD HYDRANT

HANDLE

WITH LOCAKABLE

-SOLENOID CORD

- ACCESS PANEL

(AS REQUIRED)

 \longrightarrow TO FLOOR DRAIN AS REQ'D.

CW (HEAT TRACED)

-LONG SWEEP

BEND

1/2" (15mm) CW FEED TO TRAP PRIMER VALVE-

TRAP PRIMER

VALVE —

PENETRATE WALL-

FLOOR DRAIN

MOUNT TRAP PRIMER VALVE ON WALL ABOVE FINISHED CEILING. PROVIDE ACCESS PANELS AS REQUIRED. IN UNFINISHED MECHANICAL

ROOMS WITH NO CEILINGS, MOUNT VALVE AT 54" (1372mm) ABOVE FLOOR

ELECTRONIC TRAP PRIMER DETAIL

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└─ UNDISTURBED EARTH

GRADE CLEANOUT DETAIL

CLEANOUT—

TURN AND

1/2" (15mm) CW FEED IN WALL OR CHASE

ROUTE EXPOSED ON WALL IN UNFINISHED

MECHANICAL ROOMS WITH NO CEILINGS.-

TO SAN. SEWER

YARD HYDRANT DETAIL

Allen&Hoshall engineering since 1915 1661 International Drive Memphis, TN 38120 901 820 0820 fax 901 683 1001

www.allenhoshall.com

-ELMDOR SLK 18"x18" STAINLESS STEEL ACCESS PANEL PAINTED TO MATCH

(GYPBOARD CLGS. ONLY)

LOCATE BETWEEN LAST

TWO FIXTURES ON HEADER

CEILINGS.

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